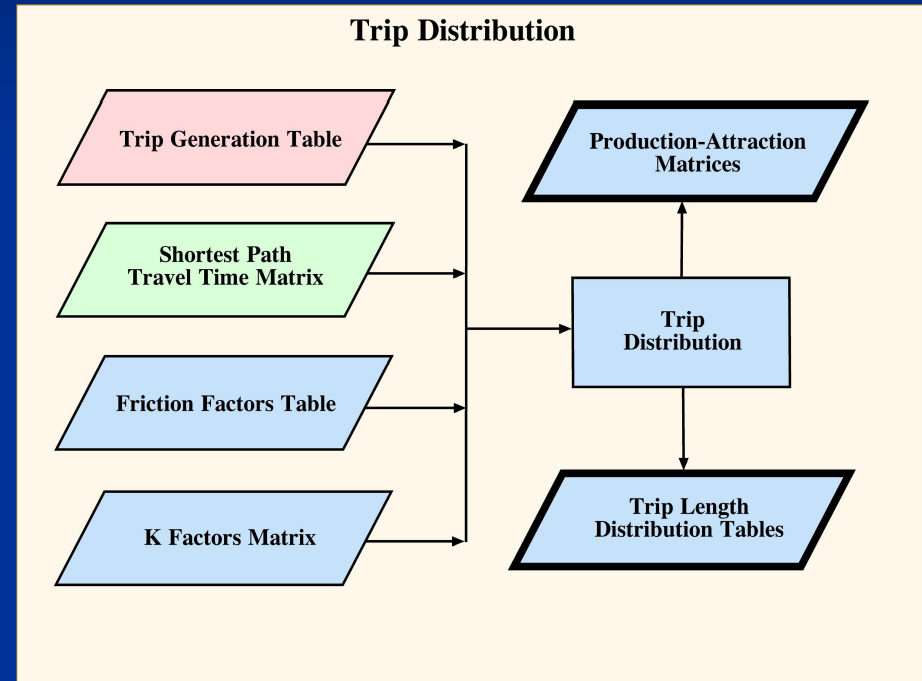




# Trip Distribution

- Gravity Model
  - Friction Factor
  - K-Factors
- Trip Length

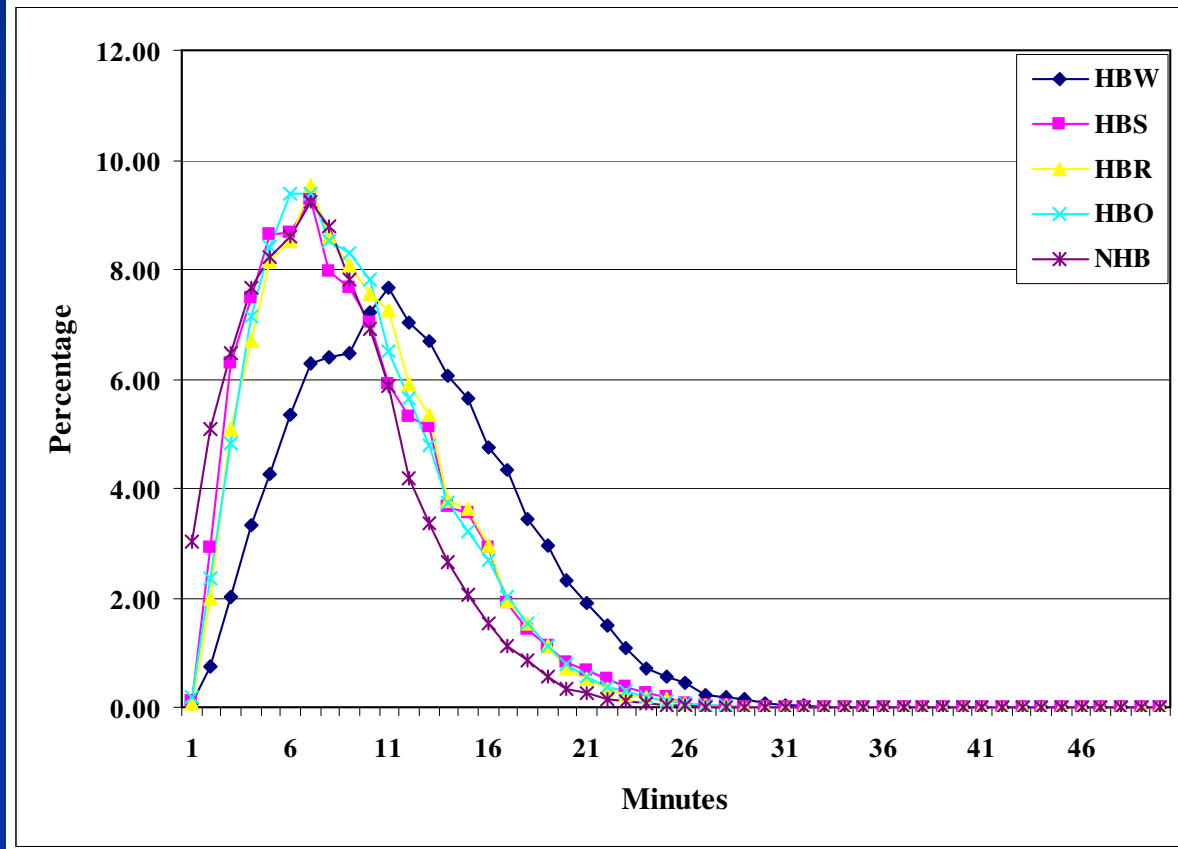




# Trip Distribution

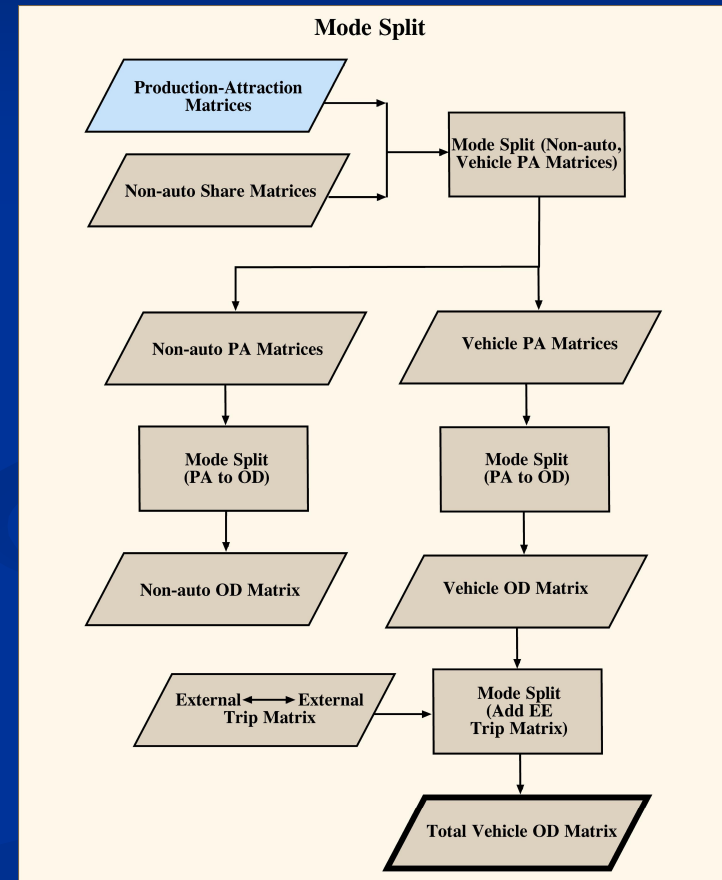
## ■ Trip Length

FIGURE 13. TRIP LENGTH DISTRIBUTION



# Mode Split

- Non-Auto Trips
- Vehicle Occupancy
- Vehicle Trips by Purpose





# Mode Split

## ■ Non-Auto Trips

**TABLE 18. PERCENTAGE OF NON-AUTO MODE TRIPS**

<b>Trip Purpose</b>	<b>Percentage of Non-Auto Mode Trips</b>
Home Based Work	6.0%
Home Based Shop	0.7%
Home Based Recreational	3.4%
Home Based Other	0.9%
Non Home Based	0.5%

**TABLE 19. NON-AUTO TRIPS BY PURPOSE**

<b>Trip Purpose</b>	<b>Daily Non-Auto Trips</b>	<b>Percentage of Total Non-Auto Trips</b>
Home-based Work	12,242	48.0%
Home-based Shopping	2,118	8.3%
Home-based Social/Recreational	5,742	22.5%
Other Home-based	3,087	12.2%
Non Home-based	2,299	9.0%
<b>TOTAL</b>	<b>25,488</b>	<b>100.0%</b>



# Mode Split

## ■ Vehicle Occupancy

**TABLE 20. VEHICLE OCCUPANCY RATES**

<b>Trip Purpose</b>	<b>Lincoln MPO Average Vehicle Occupancy (Persons)</b>	<b>West North Central*</b>
Home-based Work	1.18	1.11
Home-based Shopping	1.84	1.84
Home-based Social/Recreational	1.81	1.81
Other Home-based	1.75	1.75
Non Home-based	1.70	1.70
All	1.65	1.65

\*Source: National Household Travel Survey(2001), U.S. Department of Transportation, Bureau of Transportation Statistics





# Mode Split

## ■ Vehicle Trips by Purpose

**TABLE 21. VEHICLE TRIPS BY PURPOSE**

<b>Trip Purpose</b>	<b>Daily Vehicle Trips - Lincoln MPO</b>	<b>Percentage of Trips - Lincoln MPO</b>	<b>Percentage of Trips -West North Central*</b>
Home-based Work	179,026	19.7%	16.1%
Home-based Shopping	164,946	18.1%	22.7%
Home-based Social/Recreational	91,684	10.1%	9.8%
Other Home-based	206,283	22.7%	17.5%
Non Home-based	268,652	29.5%	33.9%
<b>TOTAL</b>	<b>910,591</b>	<b>100.0%</b>	<b>100.0%</b>

\*Source: National Household Travel Survey(2001), U.S. Department of Transportation, Bureau of Transportation Statistics

# Trip Assignment

- Original Assignment
- Feedback Model
- Level of Service Criteria

